



## CERTIFICATE OF ANALYSIS

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### 1. Identification

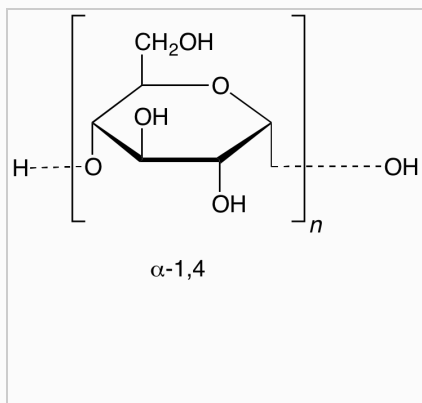
**Catalogue Number:** M159770

**CAS Number:** 9050-36-6

**Synonym:** 10DE; Actistar 11700; Amidex DE 10; Amycol 19; Amycol 7L; C Pharm 01980; C\*Actistar 11700; C\*De Light 01970; C\*Dry MD 01915; C\*Dry MD 01960; C\*Drylight 01970; C\*deLight F 01970; C\*deLight MD 01970; C-Pur 01910; C-Pur 01915; C-Pur 01921; C-Sperse MD 01314; Cerestar C\*PUR 01915; Cerestar PUR 01915; DE 2; DE 8-12; Dextrin, malto; Dry Sweet; Eliane MD 2; Fibersol 2(E); Foodtex; Frodex 10; Frodex 20; Glistar; Glucidex 1; Glucidex 12; Glucidex 17; Glucidex 19; Glucidex 19FD; Glucidex 2; Glucidex 21; G

**Product:** Maltodextrin

**Structure:**



**Molecular Formula:**

$C_6nH_{(10n+O)(5n+1)}$

**Molecular weight:**

N/A

**Source of Product:**

N/A

**Solubility:**

Aqueous Acid (Slightly),  
DMSO (Slightly), Methanol  
(Slightly), Water (Sparingly)

**Lot Number:** 1-NAZ-43-1

**Purity:** 95%

**Shipping Condition:** This Product Is Stable To Be Shipped At Room Temperature

**Storage Condition:** 4°C

### 2. Warning

**Warning 1:** Not Determined

**Warning 2:**

**Warning 3:**

### 3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	White Solid
NMR	Conforms to Structure	Conforms
Specific Rotation	Report Result	+177.0° (c = 0.5, Water)
C NMR	Conforms to Structure	Conforms

**Additional Information:** N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

### 4. Signatures

**Reviewed By**

Henry Tieu



**Reviewed By**

Toni Rantanen



**C of A Approved  
By**

My Nguyen



**Test Date**

8/21/2020

**Retest Date**

8/19/2027